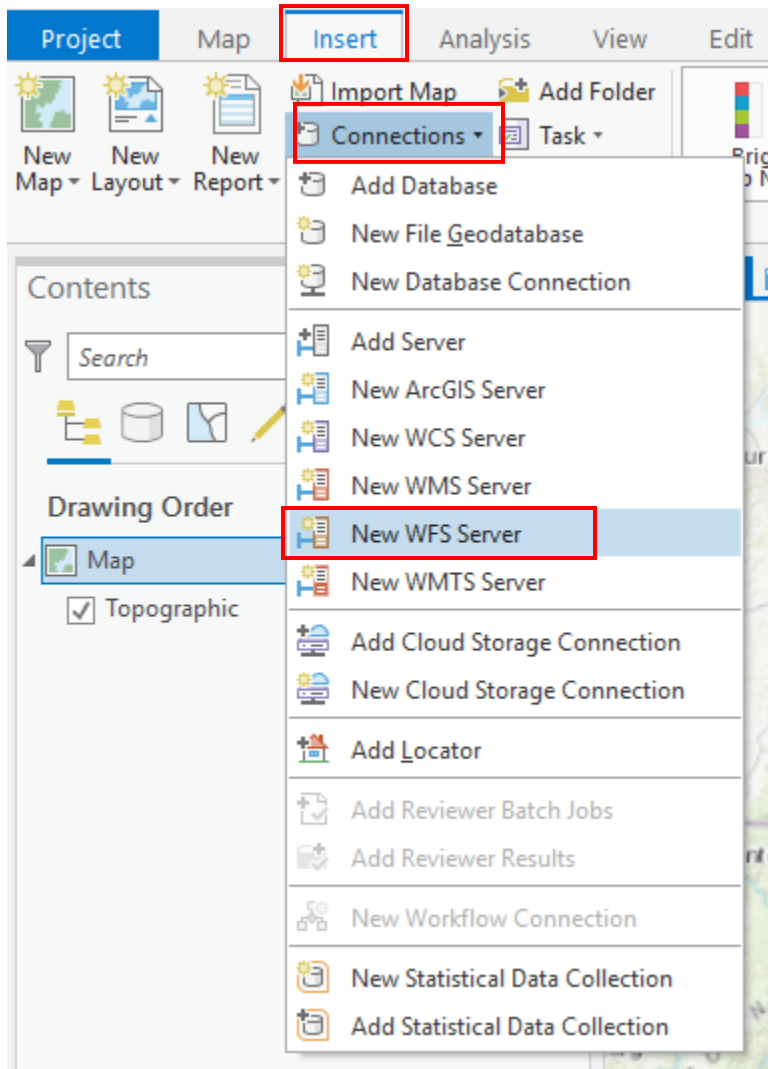


How to Add WFS Services to ArcGIS Pro

WFS Services are similar to map services, except they allow for the content of the map service to be downloaded to a local machine. This makes the data available for analysis, within the ArcGIS Pro software.



1. Open ArcGIS Pro and Open a Project.
2. On the **Insert** Tab, in the **Project** group, click the **Connections** drop-down list and click **New WFS Server**.



3. Enter the full URL of the WFS Service. For MD iMAP, URLs can be found at the REST endpoint: <https://geodata.md.gov/imap/rest/services>

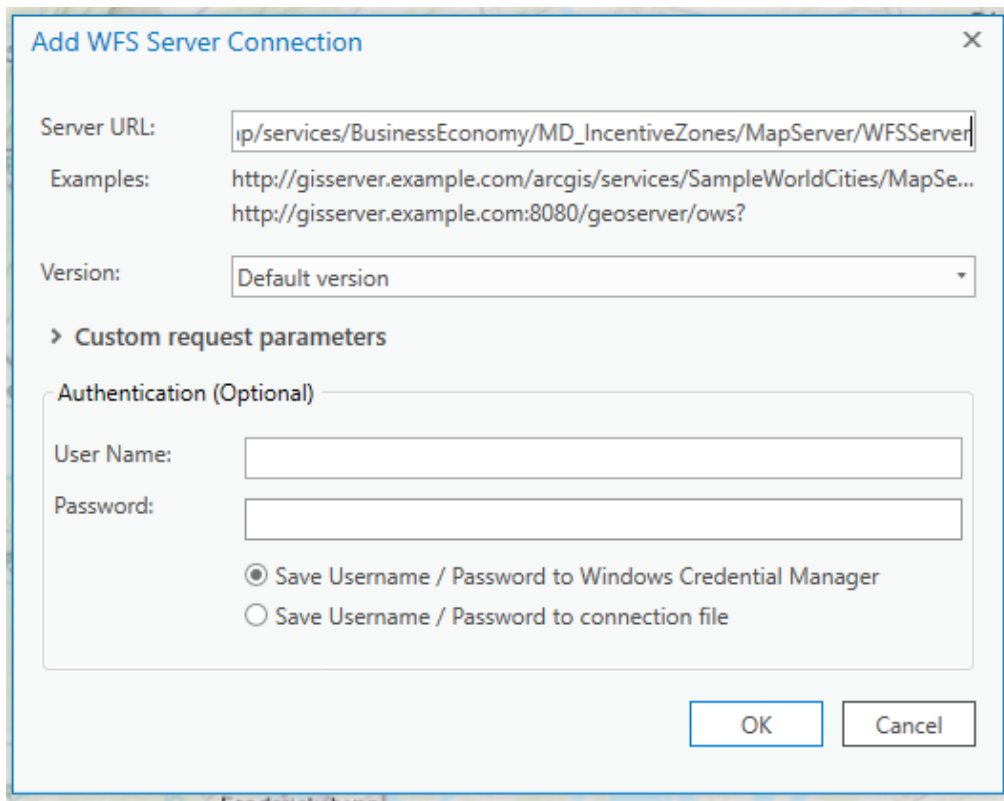
Note: This URL will exclude “rest” and will include “WFSServer” after “MapServer”

In the screen shot below, we used the Maryland Incentive Zones service.

Server URL:

https://geodata.md.gov/imap/services/BusinessEconomy/MD_IncentiveZones/MapServer/WFSServer

For the Version, select the **Default version**.



The 'Add WFS Server Connection' dialog box is shown. It has a title bar with a close button. The 'Server URL' field contains 'ip/services/BusinessEconomy/MD_IncentiveZones/MapServer/WFSServer'. Below it, 'Examples' shows two URLs: 'http://gisserver.example.com/arcgis/services/SampleWorldCities/MapSe...' and 'http://gisserver.example.com:8080/geoserver/ows?'. The 'Version' dropdown is set to 'Default version'. A section titled '> Custom request parameters' is expanded, showing an 'Authentication (Optional)' section with 'User Name' and 'Password' text boxes. Below these are two radio buttons: 'Save Username / Password to Windows Credential Manager' (selected) and 'Save Username / Password to connection file'. 'OK' and 'Cancel' buttons are at the bottom right.

Server URL:

Examples:
http://gisserver.example.com/arcgis/services/SampleWorldCities/MapSe...
http://gisserver.example.com:8080/geoserver/ows?

Version:

> Custom request parameters

Authentication (Optional)

User Name:

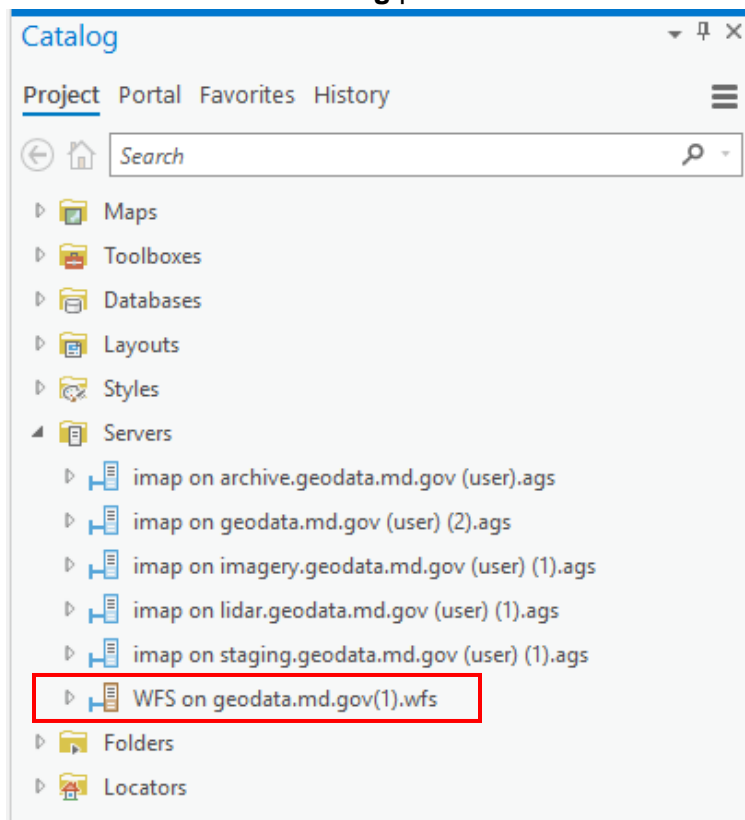
Password:

☒ Save Username / Password to Windows Credential Manager
☐ Save Username / Password to connection file

OK Cancel

4. Click **OK**

A WFS connection file (.wfs) is created and saved in the project's home folder. An item referencing this connection file is added to the project, and the connection appears in the **Servers** folder in the **Catalog** pane.



5. Expand the WFS connection to view the layers present in the WFS service. Right-click a layer and either **Add to new map** or **Add to current map** to add the WFS layer to the map. You can also add the service to the map by dragging it onto the map or into the **Contents** pane.

